

**Table 21. Employed doctoral scientists and engineers in universities and 4-year colleges,
by broad field of doctorate, race/ethnicity, and tenure status: 1999**

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Field of doctorate and race/ethnicity	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
All fields.....	240,080	124,040	37,390	25,980	52,670
White'.....	(82.6)	(86.5)	(78.8)	(77.8)	(78.4)
Black.....	(3.0)	(2.5)	(4.9)	(3.2)	(2.7)
Asian/Pacific Islander.....	(10.9)	(8.0)	(12.1)	(15.1)	(15.0)
Hispanic.....	(3.1)	(2.5)	(3.8)	(3.6)	(3.6)
American Indian/Alaskan Native.....	(0.4)	(0.4)	(0.4)	(0.4)	(0.3)
Sciences	213,840	108,840	33,100	23,710	48,190
White'.....	(83.4)	(87.8)	(79.2)	(77.8)	(78.9)
Black.....	(3.0)	(2.6)	(4.8)	(3.3)	(2.8)
Asian/Pacific Islander.....	(10.1)	(6.6)	(11.5)	(14.9)	(14.6)
Hispanic.....	(3.1)	(2.5)	(4.0)	(3.6)	(3.5)
American Indian/Alaskan Native.....	(0.4)	(0.4)	(0.4)	(0.4)	(0.2)
Computer and information sciences	3,650	1,910	1,100	250	380
White'.....	(72.1)	(73.0)	(67.5)	(79.8)	(76.0)
Black.....	(2.3)	(2.7)	S	S	S
Asian/Pacific Islander.....	(23.5)	(21.6)	(28.6)	S	(22.8)
Hispanic.....	(1.8)	S	S	S	S
American Indian/Alaskan Native.....	S	S	S	S	S
Mathematical sciences	14,820	10,640	1,840	1,120	1,220
White'.....	(81.4)	(83.1)	(70.8)	(84.5)	(80.2)
Black.....	(2.0)	(1.9)	(4.0)	S	S
Asian/Pacific Islander.....	(13.1)	(11.6)	(20.6)	(11.7)	(16.0)
Hispanic.....	(3.4)	(3.4)	(4.5)	S	S
American Indian/Alaskan Native.....	S	S	S	S	S
Biological and agricultural sciences	71,100	30,240	10,830	10,060	19,980
White'.....	(81.7)	(90.0)	(81.4)	(72.4)	(73.8)
Black.....	(2.2)	(1.8)	(2.3)	(3.1)	(2.3)
Asian/Pacific Islander.....	(13.0)	(6.0)	(12.7)	(20.1)	(20.1)
Hispanic.....	(2.9)	(2.0)	(3.1)	(3.8)	(3.6)
American Indian/Alaskan Native.....	(0.2)	S	S	(0.5)	S
Health sciences	10,760	4,650	2,740	1,430	1,940
White'.....	(84.2)	(89.7)	(77.0)	(81.2)	(83.4)
Black.....	(5.6)	(3.7)	(11.6)	S	(3.6)
Asian/Pacific Islander.....	(6.7)	(4.0)	(7.3)	(12.8)	(7.6)
Hispanic.....	(2.8)	(1.9)	(2.7)	S	(5.2)
American Indian/Alaskan Native.....	(0.8)	S	S	S	S
Physical and related sciences	37,570	18,430	5,120	3,860	10,160
White'.....	(83.4)	(87.2)	(82.3)	(78.2)	(79.1)
Black.....	(1.6)	(0.9)	(4.2)	(2.4)	(1.3)
Asian/Pacific Islander.....	(12.0)	(8.2)	(10.0)	(16.8)	(18.0)
Hispanic.....	(2.6)	(3.0)	(3.4)	(2.4)	(1.4)
American Indian/Alaskan Native.....	(0.5)	(0.7)	S	S	S
Social sciences	46,870	29,310	7,370	3,390	6,800
White'.....	(84.1)	(86.2)	(75.9)	(83.1)	(84.6)
Black.....	(4.2)	(3.9)	(6.5)	(3.4)	(3.9)
Asian/Pacific Islander.....	(7.7)	(6.3)	(11.9)	(10.2)	(7.7)
Hispanic.....	(3.4)	(3.0)	(5.1)	(2.4)	(3.6)
American Indian/Alaskan Native.....	(0.6)	(0.6)	S	S	S

See explanatory information and SOURCE at end of table.

**Table 21. Employed doctoral scientists and engineers in universities and 4-year colleges,
by broad field of doctorate, race/ethnicity, and tenure status: 1999**

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Field of doctorate and race/ethnicity	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
Psychology	29,070	13,660	4,100	3,610	7,710
White ¹	(88.3)	(92.4)	(84.2)	(83.6)	(85.5)
Black.....	(4.5)	(3.6)	(5.8)	(5.8)	(4.8)
Asian/Pacific Islander.....	(2.7)	(1.6)	(3.8)	(4.4)	(3.3)
Hispanic.....	(4.0)	(1.8)	(6.1)	(6.2)	(5.9)
American Indian/Alaskan Native.....	(0.4)	(0.6)	S	S	S
Engineering	26,240	15,200	4,290	2,270	4,480
White ¹	(76.4)	(77.1)	(75.6)	(78.0)	(74.1)
Black.....	(2.6)	(2.4)	(5.0)	S	(1.5)
Asian/Pacific Islander.....	(17.7)	(17.7)	(16.5)	(16.5)	(19.4)
Hispanic.....	(3.0)	(2.5)	(2.6)	(3.3)	(4.7)
American Indian/Alaskan Native.....	(0.3)	S	S	S	S

¹ 'Other' race included with 'white'.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

NOTES: The race/ethnicity data shown are for all doctoral recipients, including temporary residents. Percentage distribution is shown in parentheses.

Numbers are rounded to nearest ten. Details may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 1999 Survey of Doctorate Recipients